

NOTES:
1. IMPACT RESISTANT GLAZING OPTION – IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 14" x 46" CUTOUT, FASTENED WITH A MINIMUM #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 3X ALONG THE VERTICAL. SEE DETAIL E ON SHEET 2 FOR ASSEMBLY DETAILS.

2. NON-IMPACT REISTANT GLAZING OPTION – .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC WIND PRESSURES SHOWN ON THIS DRAWING. MAXIMUM GLAZING DIMENSIONS SHALL BE 15" x 46" CUTOUT. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

3. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

4. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.

5. LOUVER OPTION – .040" MINIMUM LOUVERS IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (10) #8x1" SCREWS (3X ALONG THE HORIZONTAL AND 2X ALONG THE VERTICAL) INSTALLED IN THE BOTTOM SECTION. MAXIMUM LOUVER DIMENSIONS SHALL BE 15" x 19" CUTOUT. LOUVERS ARE NOT IMPACT RESISTANT AND DO NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGIONS.

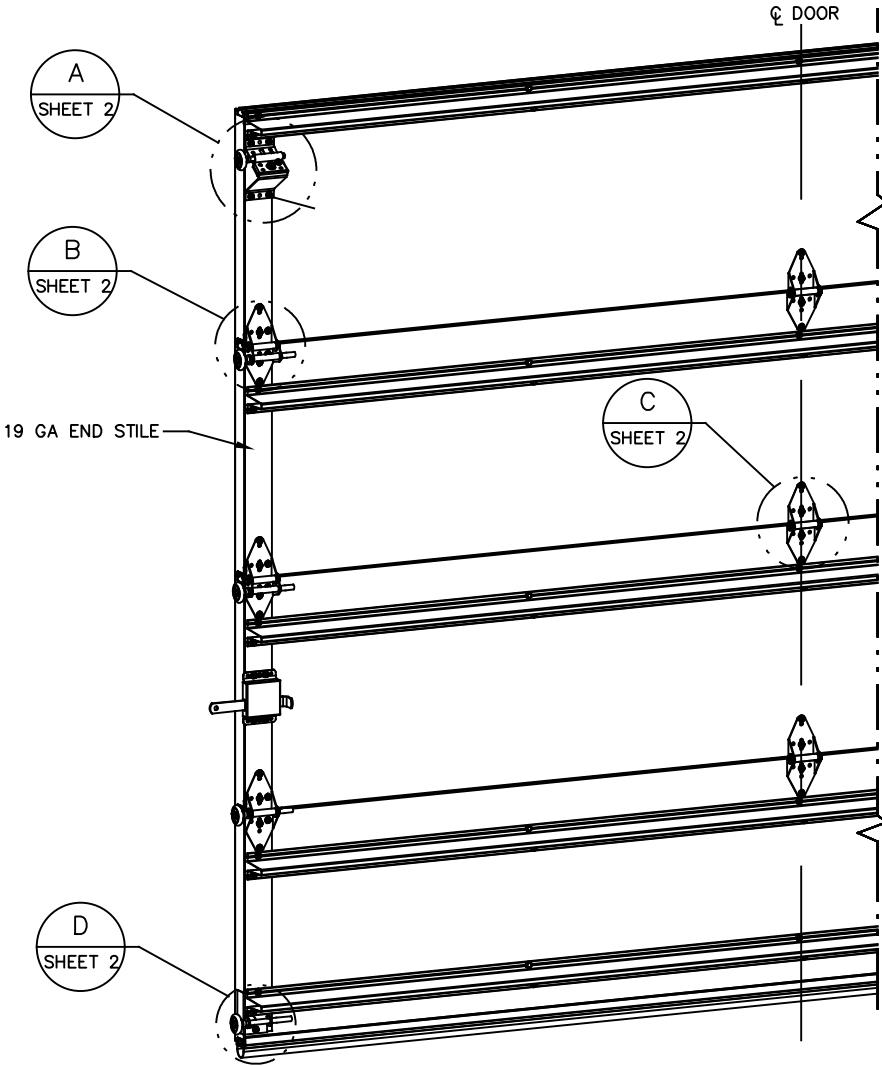
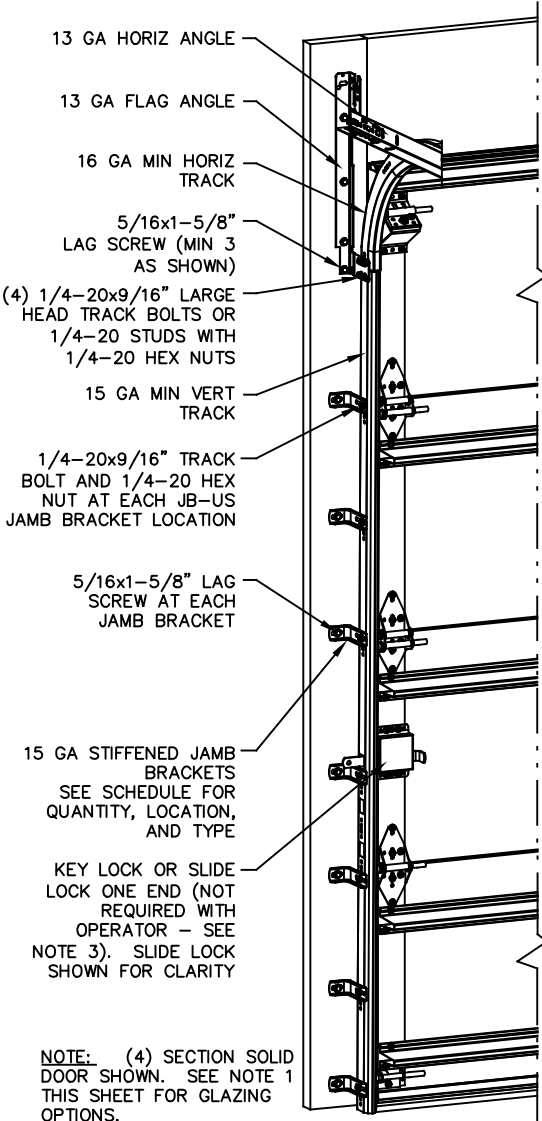
6. FACER STEEL TO HAVE A MINIMUM 27 GA THICKNESS AND BACKER STEEL TO HAVE A MINIMUM 29 GA THICKNESS.

7. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.

8. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

9. DOOR JAMB TO BE MINIMUM 2x4 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

10. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.



JAMB BRACKET SCHEDULE			
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
6'-6"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)
7'-6"	4 OR 5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)
8'-0"	4 OR 5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US), 75-1/2" (JB-US)
≥ 8'-0"			SEE NOTE BELOW

NOTE:
(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS GREATER THAN 8' IN HEIGHT REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SUPPLEMENT TRACK CHART FOR DETAILS.

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

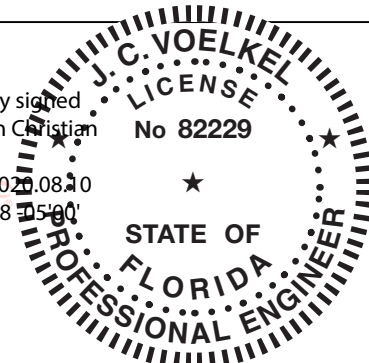
DOOR WIDTH	DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)
8'-2"	ALL	+145.8/-167.4
9'-2"	ALL	+163.6/-187.9

REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
32177	D	ADDED MODEL# 7655	11/16/19	TLC
NPD54	F	ADDED IMPACT RATING	02/04/20	TLC
NPD54	F	UPDATED UBAR DEPICTION	03/30/20	TLC
32442	G	ADDED NYLON ROLLER OPT	8/02/20	TLC

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +35.7/-41.0	MAX WIDTH: 9'-2"
IMPACT/CYCLIC RATED: YES	MAX HEIGHT: 24'
	MAX SECTION HEIGHT: 24'

John Christian Voelkel

Digitally signed by John Christian Voelkel
Date: 2025.08.10 15:39:38 -0500



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PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.

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		THIRD ANGLE PROJECTION	TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH	The Genuine. The Original.	NAME	DATE	DRAWING TITLE:
		 ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.	HOLE DIAMETER	WHOLE NUMBERS: ± .25	N/A	 LEWISVILLE, TEXAS	DRAWN BY: G. TAYLOR	10/25/13	SERIES 5745/5765/7565 7655/515/525
			UNDER .251 +.004/- .003	.X ± .1	UNIT OF MEASURE		MATERIAL: NONE	CHECKED BY:	DRAWING NUMBER D- 411317
			.251 TO .500 +.006/- .003	.XX ± .03					
			OVER .500 +.008/- .003	.XXX ± .010					
			FRACTIONS	ANGLES: ± .5°					
			± 1/16	EACH			APPROVED BY:		SCALE: N.T.S. SHEET 1 OF 2
REF DWG	USED ON								

REVISIONS				
ER	REV	DESCRIPTION	DATE	APPROVAL
32177	D	ADDED MODEL# 7655	11/16/19	TLC
NPD54	F	ADDED IMPACT RATING	02/04/20	TLC
NPD54	F	UPDATED UBAR DEPICTION	03/30/20	TLC
32442	G	ADDED NYLON ROLLER OPT	8/02/20	TLC

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

12 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

ADD (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS (INSIDE OF EACH END HINGE)

2" STEEL ROLLER WITH 5-1/4" STEM
OPTIONAL NYLON, 10/11-BALL BEARING ROLLER AVAILABLE

13 GA WIDE BODY END HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

14 GA WIDE BODY INTERMEDIATE HINGE ATTACHED WITH (4) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS

14 GA BOTTOM BRACKET ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AND (1) 1/4-14x5/8" SELF DRILLING TAMPER RESISTANT SCREW

HINGE & BACKER PLATE LOCATIONS

9'-2" MAX

(10) SECTION DOORS WITH
(11) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(9) SECTION DOORS WITH
(10) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(8) SECTION DOORS WITH
(9) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(7) SECTION DOORS WITH
(8) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

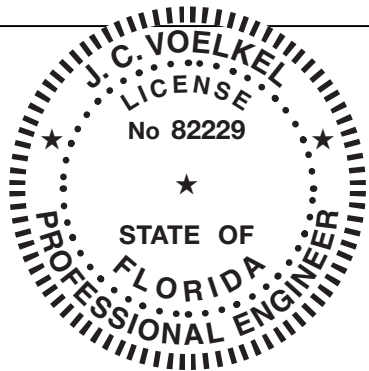
(6) SECTION DOORS WITH
(7) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(5) SECTION DOORS WITH
(6) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

ALL U-BARS SHALL BE ATTACHED WITH (2) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION AND BETWEEN ALL END HINGES AND INTERMEDIATE HINGES. A MINIMUM OF (10) FASTENERS ARE TO BE USED.

STATIC PRESSURE RATINGS	APPROVED SIZES
DESIGN PRESSURE(PSF): +35.7/-41.0	MAX WIDTH: 9'-2"
IMPACT/CYCLIC RATED: YES	MAX HEIGHT: 24'
	MAX SECTION HEIGHT: 24'



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				WHOLE NUMBERS: ± .25		DRAWN BY: G. TAYLOR					
				.X ± .1		10/25/13					
				.XX ± .03							
				OVER .500 +.008/- .003		UNIT OF MEASURE		MATERIAL		CHECKED BY:	
				FRACTIONS		.XXX ± .010		NONE		APPROVED BY:	
				± 1/16		ANGLES: ± .5°					
REF DWG		USED ON				EACH				DRAWING TITLE: SERIES 5745/5765/7565 7655/515/525	
										DRAWING NUMBER D- 411317	
										SCALE: N.T.S. SHEET 2 OF 2	